

**Cordless hammer drill / driver without battery or charger, Type: GSB1890C****Order data**

Order number	070113 GSB1890C
GTIN	4059952617312
Item class	03B

**Description****Version:**

**Bosch cordless hammer drill / driver** for very heavy-duty screwdriving, drilling and hammer drilling applications.

- **Electronic Cell Protection (ECP) protects the battery against overheating and deep discharge.**
- **Electronic Motor Protection (EMP) protects the motor against overloading.**
- **Mechanical multi-stage torque cut-out.**
- **Handy belt clip (not 070104).**
- **Integral LED light, battery charge indicator.**
- **Quick-clamping drill chuck.**

With **brushless EC motor**.

**Kick-back control** with automatic shut-down if jammed, together with unique precision clutch.

Compact design, very short head length (only 184 mm) for perfect handling (size GSB1890C), therefore ideal for working in restricted spaces. Can be retrofitted with a connectivity module.

With motor brake.

Compact design, very short head length (only 175 mm) for perfect handling.

**Supplied with:**

**Without battery**, without charger and with L-BOXX.

**Note:**

See from No. 073851 and 073866 for suitable replacement batteries and chargers.

## Technical description

maximum speed 1st speed	0 - 630 min <sup>-1</sup>
Quick-clamping chuck range	1.5 - 13 mm
maximum torque soft	36 Nm
maximum speed 2nd speed	2100 min <sup>-1</sup>
Power supply	Rechargeable battery-powered
Type of rechargeable battery	Lithium-ion
maximum twist drill size Ø in concrete	13 mm
maximum vibration to EN with hammer drill function	11.8 m/s <sup>2</sup>
Height	210 mm
Manufacturer's designation	GSB 18V-90 C
suitable battery - supplier / battery type / voltage	Bosch 18 V
maximum vibration to EN without hammer drill function	1.5 m/s <sup>2</sup>
maximum twist drill size Ø in wood	68 mm
Motor design	Brushless motor
Battery voltage	18 V
Weight	1.2 kg
maximum torque hard	64 Nm
Packaging	Modular case (L-Boxx)
Width	77 mm
Number of rechargeable batteries contained	0
Length	175 mm
Battery capacity	4 Ah
maximum twist drill size Ø in steel	13 mm
Type of product	limpact drill /screwdriver

